

Click here for the 3D model.

| Dimensions |  |
| :--- | :--- |
| Chip Size | 0603 |
| L | $1.6 \mathrm{~mm}+/-0.2 \mathrm{~mm}$ |
| W | $0.8 \mathrm{~mm}+/-0.1 \mathrm{~mm}$ |
| T | 0.95 mm MAX |
| B | $0.5 \mathrm{~mm}+/-0.25 \mathrm{~mm}$ |


| Packaging Specifications |  |
| :--- | :--- |
| Packaging | T\&R |
| Packaging Quantity | 3500 |


| General Information |  |
| :--- | :--- |
| Series | VC |
| Type | Varistors |
| Style | SMD Chip |
| Description | Surface Mount Varistors |
| Features | Low Voltage |
| Termination | Nickel Tin |
| RoHS | With Exemptions |
| Qualifications | IEC, UL, AEC-Q2OO |
| AEC-Q2OO | Yes |


| Specifications |  |
| :--- | :--- |
| Voltage DC | $26 \mathrm{VDC}(25 \mathrm{C})$ |
| Voltage AC | 20 VAC |
| Temperature Range | $-55 /+125^{\circ} \mathrm{C}$ |
| Storage Temperature Range | $-55 /+150^{\circ} \mathrm{C}$ |
| Varistor Voltage | 33 VDC at 1 mA |
| Clamping Voltage | 54 V |
| Clamping Current | $1 \mathrm{~A}(8 / 20 \mathrm{us} \mathrm{MAX})$ |
| Surge Current | $30 \mathrm{~A}(8 / 20$ us MAX $)$ |
| Energy | $0.3 \mathrm{~J}(10 / 1000$ us MAX) |
| Capacitance | $175 \mathrm{pF}(1 \mathrm{kHz})$ |

